

**Third Party
Lab Tested
1,740 lbs.
Pullout Value**

TileTrac®

Patent #5,746,029

Tile Roof Structural Attachment

The patented TileTrac® attachment allows for a structural roof rafter connection with optimal attachment stud location adjustability. Design results in the best looking systems in the industry.



*TileTrac® for s-curve
concrete tile
(6" Tall Threaded Stud)*

Part # TT-18-T6



*TileTrac® for flat
concrete tile
(4" Tall Threaded Stud)*

Part # TT-18-T4



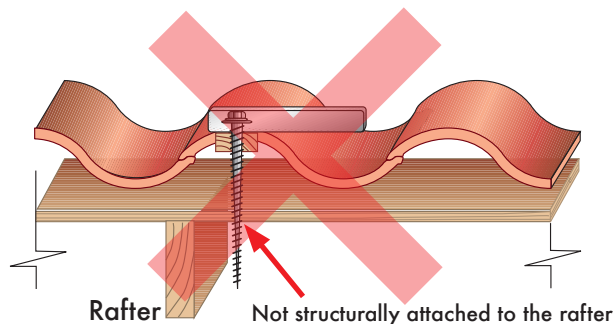
Benefits of the TileTrac®

- Industry's most cost effective tile attachment product
- Minimal install labor and time
- Over 12 years of industry preferred design
- Requires only one Stainless Steel lag bolt (included)
- Aluminum and Stainless Steel components for corrosion resistance and strength
- 1,740 lbs of 3rd party lab tested pullout strength
- Water-tight seal lab tested for 7 days under 34 inches of water, zero leakage
- 10 sq. inches of base area evenly distributes roof load and provides sufficient sealant bonding area

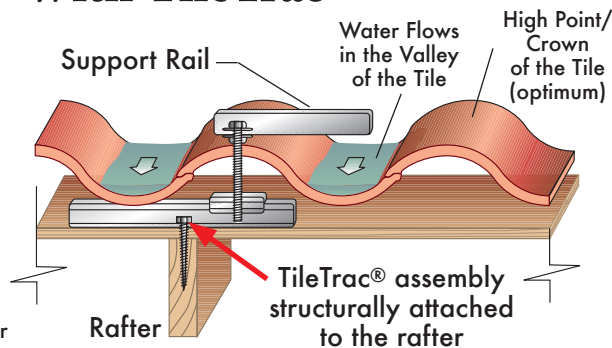
The TileTrac® Design

Structurally attaches to roof rafter and allows the rail attachment stud to be located at the strongest point of the tile (the crown) where water does not flow.

Without TileTrac®



With TileTrac®



professional
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products inc.

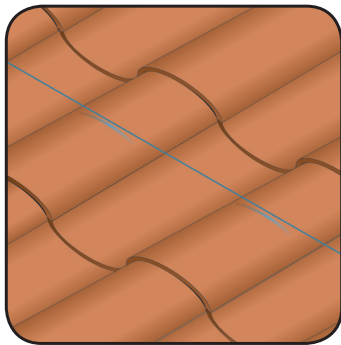
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Oxnard, CA 93033

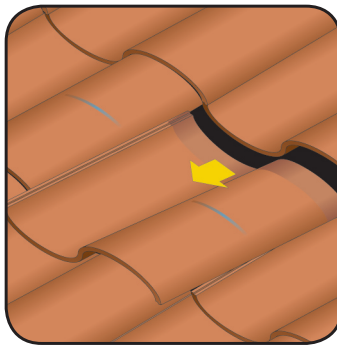
View more info on our
website at:

www.prosolar.com

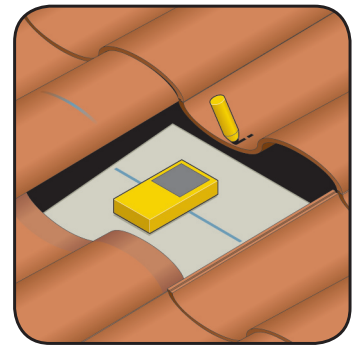
Installation steps for both s-curve and flat concrete tile*



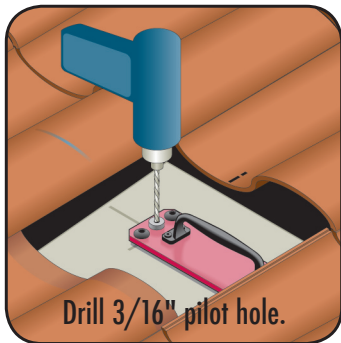
STEP 1: Select a tile in the area of the roof rafter.



STEP 2: Remove the tile by pushing and pulling. It is usually held in place by a small nail.

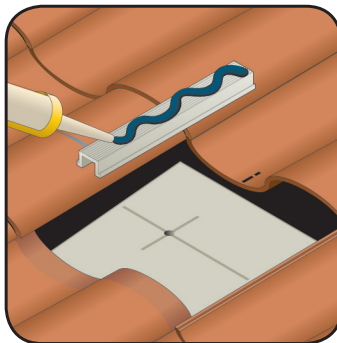


STEP 3: Using an electronic stud finder (recommended), or other means, locate the rafter center. Mark a reference point on the tile above.

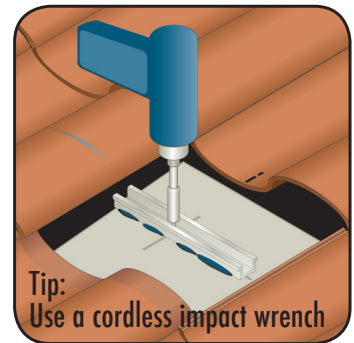


Drill 3/16" pilot hole.

Step 4: Seal the initial tile nail hole. Using a 3/16" drill bit and drill guide (FJ-Drill), drill pilot hole along the rafter center



Step 5: Insert the lag bolt and washer through the TileTrac® and apply fresh room temperature sealant to the base.

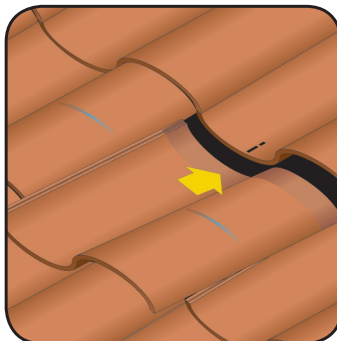


Tip:
Use a cordless impact wrench

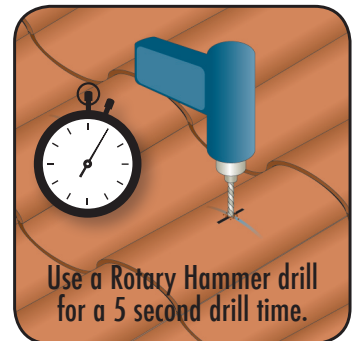
Step 6: Using a 1/2" socket, install the lag bolt until seated. Do not overtighten. The sealant should flow outward sealing any holes.



Step 7: After bolting the base to the roof, slide the upper carriage into the correct position under the crown of the tile. For Flat tile, slide the upper carriage near the middle of the tile.

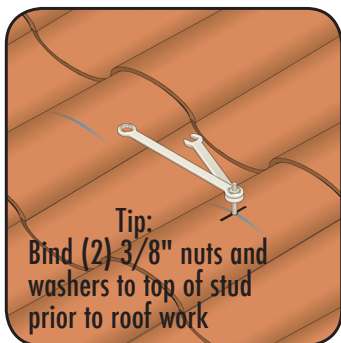


Step 8: Replace the tile by lining up the snap lines and mark the drill location accordingly.



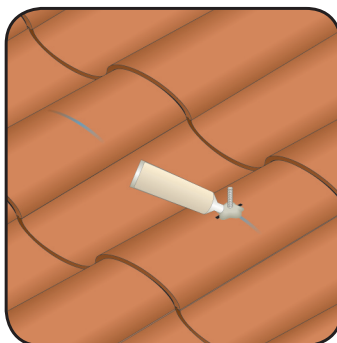
Use a Rotary Hammer drill for a 5 second drill time.

Step 9: Using a 3/8" carbide drill bit and ROTARY HAMMER DRILL in hammer mode, drill through the tile. See online video at www.prosolar.com for details.

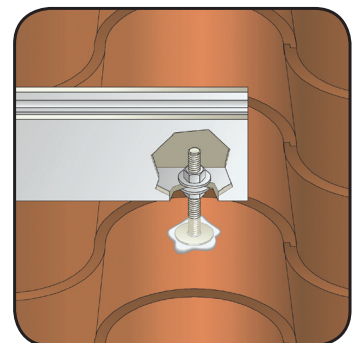


Tip:
Bind (2) 3/8" nuts and washers to top of stud prior to roof work

Step 10: Insert the threaded stud through the tile and tighten with 9/16" wrenches to engage stud with base. Bind two 3/8" nuts (included) using 9/16" wrenches and tighten.



Step 11: Unbind nuts and remove from stud. Apply UV rated sealant between stud base and tile and compress with a 3/8" washer. Apply UV rated sealant around top of washer.



Step 12: Fasten rail with lower and upper 3/8" nuts/washers as shown.

*Not recommended for clay or slate tiles.